ABBREVIATIONS AND ACRONYMS

ALARA	As low as reasonably achievable
AMP	Advanced Materials Program
AVLIS	Advanced Vapor Laser Isotope Separation
BAAQMD	Bay Area Air Quality Management District
BART	Bay Area Rapid Transit
BBRP	Biology and Biotechnology Research Program
BMP	Best management practice
BSL	BioSafety Level
CEQ	Council on Environmental Quality
CEQA	*California Environmental Quality Act* of 1970
CERCLA	*Comprehensive Environmental Response, Compensation, and Liability Act*
CFF	Contained Firing Facility
CFR	*Code of Federal Regulations*
D&D	Decontamination and decommissioning
dB	Decibel
dB(A)	A-weighted decibel
DNA	Deoxyribonucleic acid
DNFSB	Defense Nuclear Facility Safety Board
DOE	United States Department of Energy
DOI	United States Department of Interior
DOT	United States Department of Transportation
DP	Office of Defense Programs
DTSC	Department of Toxic Substances Control
DWTF	Decontamination and Waste Treatment Facility
EA	Environmental Assessment
EIR	Environmental impact report
EIS	Environmental impact statement
EMPC	Energetic Material Processing Center
EO	Executive Order
EOC	Emergency Operations Center

EPA	United States Environmental Protection Agency
EPCRA	*Emergency Planning and Community Right-to-Know Act* of 1986
EPD	Environmental Protection Department
ERPG	Emergency response planning guideline
ES&H	Environment, Safety, and Health
FOIA	*Freedom of Information Act*
FONSI	Finding of no significant impact
FR	*Federal Register*
Freon-11	Trichlorofluoromethane
Freon-113	Trichlorotrifluoroethane
FY	Fiscal year
HEDC	High Explosives Development Center
HEPA	High-efficiency particulate air (filter)
HEU	Highly enriched uranium
HPAC	Hazard Prediction and Assessment Capability
HVAC	Heating, ventilation, and air conditioning
ISCCS	Interagency Committee on Seismic Safety in Construction
ITP	Integrated Technology Project
LANL	Los Alamos National Laboratory
LBNL	Lawrence Berkeley National Laboratory
LCF	Latent cancer fatality
LLNL	Lawrence Livermore National Laboratory
LLW	Low-level waste
MACCS2	MELCOR Accident Consequence Code System, Version 2
MAR	Material at Risk
MEI	Maximally exposed individual
MLLW	Mixed low-level waste
MM	Modified Mercalli
NAAQS	National Ambient Air Quality Standards
NEPA	*National Environmental Policy Act*
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NHPA	*National Historic Preservation Act*

NIF	National Ignition Facility
NNSA	National Nuclear Security Administration
NOI	Notice of intent
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NPT	Nuclear Proliferation Treaty
NRC	Nuclear Regulatory Commission
NRHP	National Register of Historic Places
NTS	Nevada Test Site
ORAD	Operations & Regulatory Affairs Division
OSHA	Occupational Safety and Health Administration
PC	Personal computer
PEIS	Programmatic Environmental Impact Statement
PM_{10}	Particulate matter less than 10 microns in diameter
$PM_{2.5}$	Particulate matter less than 2.5 microns in diameter
R&D	Research and Development
RCRA	*Resource Conservation and Recovery Act* of 1976
rem	Radiation equivalent-man
RF	Respirable fraction
ROD	Record of Decision
ROI	Region of influence
SAR	Safety analysis report
SARA	*Superfund Amendments and Reauthorization Act* of 1986
SEIS	Supplemental Environmental Impact Statement
SHARP	Super High Altitude Research Project
SHPO	State Historic Preservation Officer
SJVEC	San Joaquin Valley Energy Center
SNL/CA	Sandia National Laboratories/California
SNM	Special nuclear material
SPCC	Spill Prevention Control and Countermeasure
SSM PEIS	Stockpile Stewardship and Management PEIS
SSP	Stockpile Stewardship Program

SWEIS	Site-wide Environmental Impact Statement
SWPPP	Stormwater Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TRAC	The RadioActivist Campaign
TRU	Transuranic
TRUPACT-II	Transuranic Package Transporter-II
USC	*United States Code*
USFWS	United States Fish and Wildlife Service
WIPP	Waste Isolation Pilot Plant
Zone 7	Alameda County Flood Control and Conservation District, Zone 7

UNIT OF MEASURE AND ABBREVIATIONS

acre	ac
billion gallons per year	BGY
centimeters	cm
cubic feet	ft^3
cubic feet per second	ft^3/s
cubic meters	m^3
cubic yards	yd^3
Curie	Ci
decibel	dB
degrees Celsius	^oC
degrees Fahrenheit	^oF
feet	ft
gallon	gal
gallons per day	gpd
gram	g
grams per second	g/sec
gravity	*g*
hectare	ha
Hertz	Hz
hour	hr
kelvin	K
kilogram	kg
kilojoule	kJ
kilometer	km
kilometer per hour	km/hr
kilovolt	kV
kilovoltampere	kVA
kilowatt	kW
kilowatt hour	kWh
liter	L

megajoule	MJ
megavolt-ampere	MVA
megawatt	MW
megawatt hour	MWh
megawatt-electric	MWe
megawatt-thermal	MWt
meter	m
meters per second	m/sec
microcurie	µCi
microcuries per gram	µCi/g
microgram	µg
micrograms per cubic meter	$\mu g/m^3$
micrograms per kilogram	µg/kg
micrograms per liter	µg/L
micron or micrometer	µm
microohms per centimeter	µohms/cm
micropascal	mPa
mile	mi
miles per hour	mph
millicurie	mCi
millicurie per gram	mCi/g
millicurie per millimeter	mCi/ml
milligram	mg
milligram per liter	mg/L
milliliter	ml
millimeters of mercury	mmHg
million	M
million electron volts	MeV
million gallons per day	MGD
million gallons per year	MGY
millirem	mrem
millirem per year	mrem/yr

nanocurie	nCi
nanocuries per gram	nCi/g
part per billion	ppb
part per billion by volume	ppbv
part per million	ppm
particulate matter of aerodynamic diameter less than 10 micrometers	PM_{10}
particulate matter of aerodynamic diameter less than 25 micrometers	PM_{25}
pascal	Pa
picocurie	pCi
picocuries per gram	pCi/g
picocuries per liter	pCi/L
pound	lb
pounds mass	lbm
pounds per square inch	psi
pounds per year	lb/yr
quart	qt
Roentgen equivalent, man	rem[a]
second	sec
square feet	ft^2
square kilometers	km^2
square meters	m^2

CONVERSION CHART

TO CONVERT FROM U.S. CUSTOMARY INTO METRIC			TO CONVERT FROM METRIC INTO U.S. CUSTOMARY		
If you know	**Multiply by**	**To get**	**If you know**	**Multiply by**	**To get**
		Length			
inches	2.540	centimeters	centimeters	0.3937	inches
feet	30.48	centimeters	centimeters	0.03281	feet
feet	0.3048	meters	meters	3.281	feet
yards	0.9144	meters	meters	1.094	yards
miles	1.609	kilometers	kilometers	0.6214	miles
		Area			
square inches	6.452	square centimeters	square centimeters	0.1550	square inches
square feet	0.09290	square meters	square meters	10.76	square feet
square yards	0.8361	square meters	square meters	1.196	square yards
acres	0.4047	hectares	hectares	2.471	acres
square miles	2.590	square kilometers	square kilometers	0.3861	square miles
		Volume			
fluid ounces	29.57	milliliters	milliliters	0.03381	fluid ounces
gallons	3.785	liters	liters	0.2642	gallons
cubic feet	0.02832	cubic meters	cubic meters	35.31	cubic feet
cubic yards	0.7646	cubic meters	cubic meters	1.308	cubic yards
		Weight			
ounces	28.35	grams	grams	0.03527	ounces
pounds	0.4536	kilograms	kilograms	2.205	pounds
short tons	0.9072	metric tons	metric tons	1.102	short tons
		Temperature			
Fahrenheit (^oF)	subtract 32, then multiply by 5/9	Celsius (^oC)	Celsius (^oC)	multiply by 9/5, then add 32	Fahrenheit (^oF)
Kelvin (K)	subtract 273.15	Celsius (^oC)	Celsius (^oC)	add 273.15	Kelvin (K)

Note: 1 sievert = 100 rems